

510.6
AMS
v. 28

TABLE OF CONTENTS

VOLUME 28, 1926

| | PAGE |
|---|----------|
| ADAMS, C. R., of Providence, R. I. Existence theorems for a linear partial difference equation of the intermediate type | 119 |
| ALEXANDER, J. W., of Princeton, N. J. Combinatorial analysis situs | 301 |
| BATEMAN, H., of Pasadena, Calif. An extension of Lagrange's expansion | 346 |
| BELL, E. T., of Seattle, Wash. An algebra of sequences of functions, with an application to the Bernoullian functions. | 129 |
| BERNSTEIN, B. A., of Berkeley, Calif. Sets of postulates for the logic of propositions | 472 |
| —. On the existence of fields in boolean algebras | 654 |
| BLISS, G. A., of Chicago, Ill. A boundary value problem for a system of ordinary linear differential equations of the first order | 561 |
| CARLSON, E., of Minneapolis, Minn. On the convergence of certain methods of closest approximation | 435 |
| CARMAN, M. G., of Urbana, Ill. Expansion problems in connection with homogeneous linear q -difference equations | 523 |
| COBLE, A. B., of Urbana, Ill. Double binary forms with the closure property | 357 |
| DICKSON, L. E., of Chicago, Ill. New division algebras | 207 |
| EISENHART, L. P., of Princeton, N. J. Geometries of paths for which the equations of the paths admit $n(n+1)/2$ independent linear first integrals | 330 |
| EMCH, A., of Urbana, Ill. On the discriminant of ternary forms and a certain class of surfaces | 432 |
| FRANKLIN, P., of Cambridge, Mass. Osculating curves and surfaces | 400 |
| FRANKLIN, P., and WIENER, N., of Cambridge, Mass. Analytic approximations to topological transformations | 762 |
| GEHMAN, H. M., of Philadelphia, Pa. On extending a continuous (1-1) correspondence of two plane continuous curves to a correspondence of their planes | 252 |
| GRONWALL, T. H., of New York, N. Y. On the zeros of the function $\beta(z)$ associated with the gamma function | 391, 786 |
| GROVE, V. G., of East Lansing, Mich. A theory of a general net on a surface | 491 |
| HOTELLING, H., of Stanford University, Calif. Multiple-sheeted spaces and manifolds of states of motion | 479 |
| INGRAHAM, M. H., of Madison, Wis. Solution of certain functional equations relative to a general linear set | 287, 786 |

| | PAGE |
|--|------|
| LANE, E. P., of Chicago, Ill. Bundles and pencils nets on a surface | 149 |
| LANGER, R. E., of Hanover, N. H. On the momental constants of a summable function | 168 |
| ———. On the theory of integral equations with discontinuous kernels | 585 |
| LEFSCHETZ, S., of Princeton, N. J. Intersections and transformations of complexes and manifolds | 1 |
| LEVY, H., of Princeton, N. J. Tensors determined by a hypersurface in Riemann space | 671 |
| McDONALD, J. H., of Berkeley, Calif. On a class of polynomials in the theory of Bessel's functions. | 384 |
| MARIA, A. J., of Houston, Tex. Functions of plurisegments | 448 |
| MATHEWS, R. M., of Urbana, Ill. Cubic curves and desmic surfaces | 502 |
| MILLER, G. A., of Urbana, Ill. Multiply transitive substitution groups | 339 |
| MURRAY, F. H., of Halifax, Nova Scotia. On certain families of orbits with arbitrary masses in the problem of three bodies. | 74 |
| ———. On certain families of orbits with arbitrary masses in the problem of three bodies (second paper) | 109 |
| RIDER, P. R., of St. Louis, Mo. The figuratrix in the calculus of variations | 640 |
| ROBISON, G. M., of Ithaca, N. Y. Divergent double sequences and series | 50 |
| SHEFFER, I. M., of Houston, Tex. Systems of equations in an infinity of unknowns, whose solution involves an arbitrary parameter | 266 |
| SIMMONS, H. A., of Chicago, Ill. The first and second variations of a double integral for the case of variable limits | 235 |
| STONE, M. H., of New York, N. Y. A comparison of the series of Fourier and Birkhoff | 695 |
| TAMARKIN, J. D., of Hanover, N. H. On Laplace's integral equations | 417 |
| ———. On Volterra's integro-functional equation | 426 |
| THOMAS, J. M., of Princeton, N. J. Asymmetric displacement of a vector | 658 |
| VANDIVER, H. S., of Austin, Tex. Application of the theory of relative cyclic fields to both cases of Fermat's last theorem | 554 |
| WIENER, N. See FRANKLIN, P. | |
| WILLIAMS, K. P., of Bloomington, Ind. Non-synchronized relative invariant integrals | 198 |
| WILLIAMS, W. L. G., of Montreal, Canada. Fundamental systems of formal modular protomorphs of binary forms | 183 |
| WILSON, W. A., of New Haven, Conn. Some properties of limited continua, irreducible between two points | 536 |
| Errata, volume 28 | 786 |

